## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

**BROTO** 

Serial No.:

**New Application** 

Filed:

April 23, 2004

For:

METHOD FOR DETERMINING A SEISMIC WAVE VELOCITY

MODEL IN A HETEROGENEOUS UNDERGROUND

Group:

Unassigned

Examiner:

Unassigned

## UNDER 37 C.F.R. 1.97 & 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

April 23, 2004

Sir:

Applicant is submitting herewith for the Examiner's consideration copies of documents cited in a communication from a foreign patent office in a counterpart foreign application. The documents are listed on the attached form equivalent to Form PTO-1449.

This Information Disclosure Statement is being submitted within three months of the filing date.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 612.43765X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

Donald E. Stout

Registration No. 26,422

ANTONELLI, TERRY, STOUT & KRAUS, LLP

DES/pay (703) 312-6600

Attachments

ATTY, DOCKET NO. SERIAL NO. **FORM PTO-1449** U.S. Department of Commerce Patent and Trademark Office (Rev. 4/92) 612.43765X00 **New Application** INFORMATION DISCLOSURE **APPLICANT BROTO** STATEMENT BY APPLICANT FILING DATE **GROUP** (Use several sheets if necessary) April 23, 2004 Unassigned **U.S. PATENT DOCUMENTS** FILING DATE **EXAMINER** DATE CLASS SUBCLASS DOCUMENT NUMBER NAME INITIAL 9 7 0 3 9 3/93 CORCORAN et al. 5 1 5 6 5 5 3 8/92 KELLY et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER CLASS SUBCLASS TRANSLATION DATE COUNTRY YES X 0 9/02 EP 1 2 3 9 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) KOSLOFF et al., "Uncertainty in Determining Interval Velocities From Surface Reflection 1 Seismic Data", XP-002270909, Geophysics, Vol. 67, No. 3, May-June 2002, pp. 952-963. 2 ECKHARDT, "Velocity Model Updating Using Image Gathers", XP 000619878, Geophysical Prospecting, 1994, **DATE CONSIDERED EXAMINER** 

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.